

Express Mail Label No.: EV231274376US

Date of Deposit: October 24, 2003

Attorney Docket No. 17549-118

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Thomas C. Prentice et al.  
Serial No.: 10/054,733  
Filed: January 22, 2002  
For: DISPENSING SYSTEM AND METHOD  
Examiner: L. Edwards  
Art Unit: 1734

RECEIVED  
OCT 31 2003  
TC 1700

**Mail Stop IDS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**


Sir:

Enclosed herewith for filing in the above-identified patent application are the following documents:

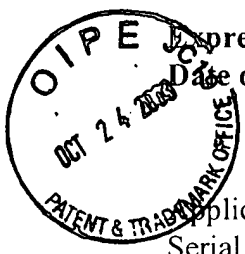
1. Information Disclosure Statement;
2. PTO Form 1449 with copy of Cited References;
3. Check in the amount of \$180.00 (17426); and
4. Return Postcard.

In connection with the foregoing matter, please charge any fees that may be due, to Deposit Account Number 50-0311, Ref. No. 17549-118. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

  
Alison L. McCarthy (Marcotte), Esq.  
Registration No. 51,998  
Mintz, Levin, Cohn, Ferris,  
Glovsky and Popeo, P.C.  
One Financial Center  
Boston, Massachusetts 02111  
Telephone: (617) 542-5000  
Facsimile: (617) 542-2241  
Attorneys for Applicants  
**Customer No. 30623**

Date: October 24, 2003



Express Mail Label No.: EV231274376US  
Date of Deposit: October 24, 2003

Attorney Docket No. 17549-118

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Thomas C. Prentice et al.  
Serial No.: 10/054,733  
Filed: January 22, 2002  
For: DISPENSING SYSTEM AND METHOD  
Examiner: L. Edwards  
Art Unit: 1734

RECEIVED  
OCT 31 2003  
TC 1700

Mail Stop IDS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

STATEMENT FILED PURSUANT TO  
THE DUTY OF DISCLOSURE UNDER 37 C.F.R. §§1.56, 1.97 and 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicants request consideration of this Information Disclosure Statement.

PART I: Compliance With 37 C.F.R. §1.97  
(Select A, B or C below)

A. ☐ This Information Disclosure Statement has been filed:  
(Check 1, 2 and/or 3 below)

- 1. ☐ within three months of the filing date of a Continued Prosecution Application (CPA).
- 2. ☐ within three months of the filing date of the entry of the National Stage, as set forth in 37 C.F.R. §1.491, in an International Application.
- 3. ☐ before the mailing date of a first Office Action on the merits in the above-identified case.
- 4. ☐ before the mailing date of a first Office Action after the filing of a request for continued examination under 37 C.F.R. §114.

Applicant(s): Thomas C. Prentice et al.  
U.S.S.N.: 10/054,733

No fee or certification is required.

B. ☒ This Information Disclosure Statement has been filed more than three months after the filing date of this application and after the mailing date of the first Office Action, but before the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311.

(Check 1 or 2 below)

1. ☒ The fee of \$180 as set forth in 37 C.F.R. §1.17(p) is enclosed.
2. ☐ The Applicants hereby certify, as specified in 37 C.F.R. §1.97(e), that (Check a or b below)
  - a. ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign Patent Office in a counterpart for this application not more than three months prior to the filing of this Statement.  
No fee is required.
  - b. ☐ no item of Information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart for this application or, to the knowledge of the under signed after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Statement.  
No fee is required.

C. ☐ This Information Disclosure Statement has been filed after the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311 and before payment of an Issue Fee.

1. The Applicants hereby certify, as specified in 37 C.F.R. §1.97(e), that:  
(Check a or b below)
  - a. ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign Patent Office in a counterpart for this application not more than three months prior to the filing of this Statement.

Applicant(s): Thomas C. Prentice et al.  
U.S.S.N.: 10/054,733

- b. ☐ no item of information contained in this Information disclosure Statement was cited in a communication from a foreign Patent Office in a counterpart for this application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Statement.

2. The petition fee of \$130 as set forth in 37 C.F.R. §1.17(i)(1) is enclosed.

PART II: Information Cited

A. ☒ The Applicants hereby make of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

B. ☐ The Applicants hereby make the following additional information of record in the above-identified application:

PART III: Explanation of Non-English Language References and Remarks Concerning Other Information Cited

The following is a concise explanation of the relevance of each non-English language reference listed on the attached form PTO-1449 (modified).

PART IV: Remarks

A copy of each of the above-identified information is enclosed unless otherwise indicated on the attached form PTO-1449 (modified). It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;

Applicant(s): Thomas C. Prentice et al.  
U.S.S.N.: 10/054,733

3. The citations for the information be printed on any patent, which issues form this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that a search has been performed, of the extent of any search performed, or that amore relevant information does not exist.

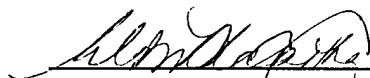
By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicants, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

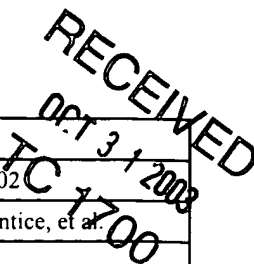
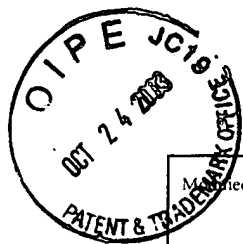
Respectfully submitted,



Alison L. McCarthy (Marcotte), Esq.  
Registration No. 51,998  
Mintz, Levin, Cohn, Ferris,  
Glovsky and Popeo, P.C.  
One Financial Center  
Boston, Massachusetts 02111  
Telephone: (617) 542-5000  
Facsimile: (617) 542-2241  
Attorneys for Applicants

Date: October 24, 2003

TRA 1845106v1



|  |                               |                            |
|--|-------------------------------|----------------------------|
| <b>Modified Form 1449/PTO</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) | <b>Application Number</b>     | 10/054,733                 |
|  | <b>Filing Date</b>            | January 22, 2002           |
|  | <b>First Named Inventor</b>   | Thomas C. Prentice, et al. |
|  | <b>Group Art Unit</b>         | 1734                       |
|  | <b>Examiner Name</b>          | L. Edwards                 |
|  | <b>Attorney Docket Number</b> | 17549-118                  |

| U.S. PATENT DOCUMENTS |          |                          |            |                                     |       |           |                            |
|-----------------------|----------|--------------------------|------------|-------------------------------------|-------|-----------|----------------------------|
| Exam Initials         | Cite No. | U.S. Patent Document No. | Issue Date | Name of Patentee(s) or Applicant(s) | Class | Sub Class | Filing Date If Appropriate |
|                       |          | 4,807,794                | 02/28/89   | Hess                                | 228   | 102       |                            |

| FOREIGN PATENT DOCUMENTS |          |                                       |           |                                     |                     |                    |  |
|--------------------------|----------|---------------------------------------|-----------|-------------------------------------|---------------------|--------------------|--|
| Exam Initials            | Cite No. | Foreign Patent Document Office Number |           | Name of Patentee(s) or Applicant(s) | Date of Publication | Translation Yes No |  |
|                          |          | WO                                    | 86/03367  | Rodin, et al.                       | 06/05/86            |                    |  |
|                          |          | EP                                    | 0278457A2 | Kurlhara, et al.                    | 08/17/88            |                    |  |
|                          |          | WO                                    | 95/19099  | Stridsberg                          | 07/13/95            |                    |  |

| OTHER NON PATENT LITERATURE DOCUMENTS |          |  |
|---------------------------------------|----------|--|
| Exam Initials                         | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.   |
|                                       |          | Timms, "Practical Tips for Adhesives Evaluation", SMT's Solutions for Today, HIS Publishing Group, July 1997                 |
|                                       |          | "Dispensing Solutions From GPD", SMT's Free Literature, Circle 13, May 1995, Vol. 9. No. 5.                                  |
|                                       |          | "Why Buy Your Dispenser From Another Company?", SMT, April 1994, Vol. 8, No. 4.  |
|                                       |          | Valerie, V.P., "The Case for Gantry Robots in Machine Loading", Robotics Today, August 1984.                                 |
|                                       |          | "High-Speed & High-Precision", Information on Surface Mount Technology, Siemens, Siplace News, August 1995.                  |
|                                       |          | "Traum Order Wirklichkeit Dream or Reality, "Information on Surface Mount Technology", Siemens, Siplace News, February 1996. |
|                                       |          | Electronic Packaging & Production, The New Standard SIPLACE, Siemens, A Cahners Publication, January 1997.                   |
|                                       |          | "A New Concept in High-Volume SMT", Electronic Production, SMT, Circle 28, March 1994, Vol. 23, No. 3.                       |
|                                       |          | New Products, Electronic Production, SMT, May 1996, Vol. 25, No. 5.  |
|                                       |          | "SIPLACE 80 S-20: The Placement System with two Revolver Heads for High-End Speed", Siemens.                                 |



|                       |  |  |  |
|-----------------------|--|--|--|
|                       |  | "SIPLACE 80-S15: The High-Speed SMD Placement System with 2 Revolver Heads", Siemens.  |  |
|                       |  | "SIPLACE G: For the Rapid and Reproducible Application of Adhesive", Siemens.  |  |
|                       |  | "Surface Mount Assembly Equipment – On top of your Needs", Philips Electronic Manufacturing Technology.                                  |  |
|                       |  | "Fast Component Mounter – FCM Dual-Lane Transport Handles Both Sides of a PCB In One Pass", Philips Electronic Manufacturing Technology. |  |
| Examiner<br>Signature |  | Date<br>Considered   |  |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.

TRA 1845102v1

RECEIVED  
OCT 31 2003  
TC 1700